



US 20030014682A1

(19) **United States**(12) **Patent Application Publication**  
**Schmidt**(10) **Pub. No.: US 2003/0014682 A1**(43) **Pub. Date: Jan. 16, 2003**(54) **CLOCK GENERATION SYSTEMS AND METHODS****Publication Classification**(51) **Int. Cl.<sup>7</sup>** ..... G06F 1/04; G06F 1/06(52) **U.S. Cl.** ..... 713/500(76) **Inventor:** Dominik J. Schmidt, Palo Alto, CA  
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**Dominik J. Schmidt**  
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**Palo Alto, CA 94306 (US)**(57) **ABSTRACT**

A low power reconfigurable processor core includes one or more processing units, each unit having a clock input that controls the performance of the unit; a wireless transceiver transmitting and receiving at a frequency based on a wireless clock input; and a controller having a plurality of clock outputs each coupled to the clock inputs of the processing units and the wireless clock input, the clock outputs being generated from a common master clock.

(21) **Appl. No.:** 09/887,905(22) **Filed:** Jun. 22, 2001